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TECH CENTER 1600/2900



SEQUENCE LISTING

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Kumagai, Yoshinari

<120> Integrin Binding Motif Containing  
Peptides and Methods of Treating Skeletal Diseases

<130> BEAR-006

<140> 09/641,034

<141> 2000-08-16

<160> 47

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Ile Gln His Asn Ile Asp Tyr Leu Lys His Leu Ser Lys Val Lys Lys  
20 25 30

Ile Pro Ser Asp Phe Glu Gly Ser Gly Tyr Thr Asp Leu Gln Glu Arg  
35 40 45

Gly Asp Asn Asp Ile Ser Pro Phe Ser Gly Asp Gly Gln Pro Phe Lys  
50 55 60

Asp Ile Pro Gly Lys Gly Glu Ala Thr Gly Pro Asp Leu Glu Gly Lys  
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Asp Ile Gln Thr Gly Phe Ala Gly Pro Ser Glu Ala Glu Ser Thr His

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90

95

Leu

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Asn Ile Asp Tyr Leu Lys His Leu Ser Lys Val Lys Lys Ile Pro Ser  
20 25 30  
Asp Phe Glu Gly Ser Gly Tyr Thr Asp Leu Gln Glu Arg Gly Asp  
35 40 45

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Ile Gln His Asn Ile Asp Tyr Leu Lys His Leu Ser Lys Val Lys Lys  
20 25 30  
Ile Pro Ser Asp Phe Glu Gly Ser Gly Tyr Thr Asp Leu Gln Glu  
35 40 45

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1 5 10 15  
Ile Gln His Asn Ile Asp Tyr Leu Lys His Leu Ser Lys Val Lys Lys  
20 25 30  
Ile Pro Ser Asp Phe Glu Gly Ser Gly Tyr Thr Asp Arg Gly Asp  
35 40 45

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20 25 30  
Asp Phe Glu Gly Ser Gly Tyr Thr Asp Leu Gln Glu  
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20 25 30  
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20 25 30  
Thr Asp Leu Gln Glu  
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Asp Ser Gln Ala Gln Lys Ser Pro Val Lys Ser Lys Ser Thr His Arg  
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Ile Gln His Asn Ile Asp Tyr Leu Lys His Leu Ser Lys Val Lys Lys  
20 25 30  
Ile Pro Ser Asp Phe Glu Arg Gly Asp  
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Arg Gly Asp Leu Lys His Leu Ser Lys Val Lys Lys Ile Pro Ser Asp  
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Ile Gln His Asn Ile Asp Tyr Leu Lys His Leu Ser Lys Val Lys Lys  
20 25 30  
Ile Pro Ser Arg Gly Asp  
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20 25

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Asp Ser Gln Ala Gln Lys Ser Pro Val Lys Ser Lys Ser Thr His Arg  
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Ile Gln His Asn Ile Asp Arg Gly Asp  
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Asp Ser Gln Ala Gln Lys Ser Pro Val Lys Ser Lys Ser Thr His Arg  
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Arg Gly Asp

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Arg Gly Asp Asn Asp Ile Ser Pro Phe Ser Gly Asp Gly Gln Pro Phe  
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Lys Asp Ile Pro Gly Lys Gly Glu Ala Thr Gly Pro Asp Leu Glu Gly  
20 25 30  
Lys Asp Ile Gln Thr Gly Phe Ala  
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Asn Asp Ile Arg Gly Asp Ser Pro Phe Ser Gly Asp Gly Gln Pro Phe  
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20 25 30  
Lys Asp Ile Gln Thr Gly Phe Ala  
35 40

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Asn Asp Ile Ser Pro Phe Arg Gly Asp Ser Gly Asp Gly Gln Pro Phe  
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Lys Asp Ile Pro Gly Lys Gly Glu Ala Thr Gly Pro Asp Leu Glu Gly  
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Lys Asp Ile  
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<400> 27

Asn	Asp	Ile	Ser	Pro	Phe	Ser	Gly	Asp	Arg	Gly	Asp	Gly	Gln	Pro	Phe
1				5				10						15	
Lys	Asp	Ile	Pro	Gly	Lys	Gly	Glu	Ala	Thr	Gly	Pro	Asp	Leu		
				20				25					30		

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<400> 28

Phe	Ser	Gly	Asp	Gly	Gln	Pro	Phe	Lys	Asp	Ile	Pro	Gly	Lys	Gly	Glu
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Ala	Thr	Gly	Pro	Asp	Leu	Glu	Gly	Lys	Asp	Ile	Gln	Thr	Gly	Phe	Ala
				20				25					30		
Gly	Pro	Ser	Glu	Ala	Glu	Ser	Arg	Gly	Asp	Thr	His	Leu			
				35				40				45			

<210> 29

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<400> 29

Ile	Pro	Gly	Lys	Gly	Glu	Ala	Thr	Gly	Pro	Asp	Leu	Glu	Gly	Lys	Asp
1				5				10						15	
Ile	Gln	Thr	Gly	Phe	Ala	Gly	Pro	Ser	Glu	Arg	Gly	Asp	Ala	Glu	Ser
				20				25					30		
Thr	His	Leu													
		35													

<210> 30

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Glu	Ala	Thr	Gly	Pro	Asp	Leu	Glu	Gly	Lys	Asp	Ile	Gln	Thr	Gly	Phe
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Ala Gly Arg Gly Asp Pro Ser Glu Ala Glu Ser Thr His Leu  
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<400> 31  
Asn Asp Ile Ser Pro Phe Ser Gly Asp Gly Gln Pro Phe Lys Asp Arg  
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Gly Asp Ile Pro Gly Lys Gly Glu Ala Thr Gly Pro Asp Leu Glu Gly  
20 25 30

Lys

<210> 32  
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<400> 32  
Gly Lys Gly Glu Ala Thr Gly Pro Asp Leu Glu Gly Lys Asp Ile Arg  
1 5 10 15  
Gly Asp Gln Thr Gly Phe Ala Gly Pro Ser Glu Ala Glu Ser Thr His  
20 25 30

Leu

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Phe Ser Gly Asp Gly Gln Pro Phe Lys Asp Ile Pro Gly Lys Gly Glu  
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Ala Thr Gly Arg Gly Asp Pro Asp Leu Glu Gly Lys Asp Ile Gln Thr  
20 25 30  
Gly Phe Ala Gly Pro Ser Glu Ala  
35 40

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Asp Gly Gln Pro Phe Lys Asp Ile Pro Gly Lys Gly Glu Ala Thr Gly  
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Arg Gly Asp Pro Asp Leu Glu Gly Lys Asp Ile Gln Thr Gly Phe  
20 25 30

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Pro Phe Lys Asp Ile Pro Gly Lys Gly Glu Ala Thr Gly Arg Gly Asp  
1 5 10 15  
Pro Asp Leu Glu Gly Lys Asp Ile Gln  
20 25

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Asp Ile Pro Gly Lys Gly Glu Ala Thr Gly Arg Gly Asp Pro Asp Leu  
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Glu Gly Lys Asp Ile Gln Thr Gly Phe Ala Gly Pro  
20 25

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<400> 37

Asp Gly Gln Pro Phe Lys Asp Ile Pro Gly Lys Gly Glu Ala Thr Gly  
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Arg Gly Asp Pro Asp Leu Glu Gly Lys Asp Ile Gln Thr Gly Phe  
20 25 30

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<400> 38  
Gly Lys Gly Glu Ala Thr Gly Arg Gly Asp Pro Asp Leu Glu Gly Lys  
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Asp Ile Gln Thr Gly Phe Ala Gly Pro Ser Glu Ala  
20 25

<210> 39  
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<400> 39  
Glu Ala Thr Gly Arg Gly Asp Pro Asp Leu Glu Gly Lys Asp Ile Gln  
1 5 10 15  
Thr Gly Phe

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<400> 40  
Glu Ala Thr Gly Arg Gly Asp Pro Asp Leu Glu Gly Lys  
1 5 10

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<400> 41

Glu Ala Thr Gly Arg Gly Asp Pro Asp Leu  
1 5 10

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Ile Pro Ser Asp Phe Glu Gly Ser Gly Tyr Thr Asp Leu Gln Glu  
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<210> 43

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<400> 43

Asp Phe Glu Gly Ser Gly Tyr Thr Asp Leu Gln Glu Arg Gly Asp  
1 5 10 15

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Glu Arg Gly Asp Asn Asp Ile Ser Pro Phe Ser Gly Asp Gly Gln  
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Asn Asp Ile Ser Pro Phe Ser Gly Asp Gly Gln Pro Phe Lys Asp  
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Asp Gly Gln Pro Phe Lys Asp  
20